

PAT-NO: JP411302975A
DOCUMENT- JP 11302975 A
IDENTIFIER:
TITLE: DEODORANT FIBER AND DEODORANT PROCESSING OF
FIBER
PUBN-DATE: November 2, 1999

INVENTOR-INFORMATION:

NAME COUNTRY
KAWABUCHI, YOSHINORI N/A

ASSIGNEE-INFORMATION:

NAME COUNTRY
UNITIKA LTD N/A

APPL-NO: JP10114704
APPL-DATE: April 24, 1998

INT-CL (IPC): D06M013/422 , D06M011/79 , D06M015/55

ABSTRACT:

PROBLEM TO BE SOLVED: To provide deodorant fibers having excellent deodorant properties to living malodors caused from ammonium, hydrogen sulfide, amines or mercaptans, or tobacco odors caused from aldehydes, acetic acid, etc., and excellent washing durability.

SOLUTION: This method for imparting deodorant properties to fibers comprises co-using a water-soluble hydrazine derivative, a water-soluble epoxy resin, an amorphous porous mixture of a transition metal oxide with silicon dioxide and a binder resin and applying to fibers, and heat-treating. Preferably, the molar ratio of the water-soluble hydrazine derivative to the water-soluble epoxy resin is (1/0.5)-(1/2), more preferably (1/0.6)-(1/1.8).

COPYRIGHT: (C)1999,JPO

BEST AVAILABLE COPY